

Form PTO-1449 (modified)

Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
PM	A1	2,701,814	2/8/55	Smith			
	A2	2,732,398	1/24/56	Brice et al.	1		RECEIVED
	A3	2,803,656	8/20/57	Ahlbrecht et al.			FEB 2 2002
	A4	3,476,753	11/4/69	Hansen			TC 1700
	A5	3,723,512	3/27/73	Niederprum et al.			
	A6	3,728,151	1/15/68	Sherman et al.			
	A7	3,816,229	6/11/74	Bierbrauber			
	A8	3,896,035	7/22/75	Schultz et al.			
	A9	3,899,563	8/12/75	Oxenrider et al.			
	A10	3,901,727	8/26/75	Loudas			
	A11	3,916,053	10/28/75	Sherman et al.			
	A12	3,968,066	7/6/76	Mueller			
	A13	4,014,880	3/29/77	Dowd et al.			
	A14	4,043,923	8/23/77	Loudas			
	A15	4,313,978	2/2/82	Stevens et al.			
	A16	4,335,201	6/15/82	Miller et al.			
	A17	4,439,505	3/27/84	Perlstein et al.			
	A18	4,478,922	10/23/84	Perlstein et al.			
	A19	4,582,781	4/15/96	Chen et al.			
	A20	4,847,187	7/11/89	Ono et al.			
	A21	4,939,204	7/3/90	Efford			
	A22	4,975,363	12/4/90	Cavallo et al.			
	A23	5,064,699	11/12/91	Havens et al.			

Examiner:

Date Considered:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form **PTO-1449** (modified)Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

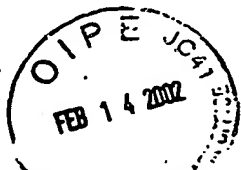
U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
P	A24	5,145,727	9/8/92	Potts et al.			
	A25	5,149,576	9/22/92	Potts et al.			
	A26	5,171,641	12/15/92	Roberts et al.			
	A27	5,273,840	12/28/93	Dominey			
	A28	5,446,134	8/29/95	Armand et al.			
	A29	5,478,486	12/26/95	Incorvia			
	A30	5,502,251	3/26/96	Pohmer et al.			
	A31	5,503,967	4/2/96	Furlan et al.			
	A32	5,514,493	5/7/96	Waddell et al.			
	A33	5,518,788	5/21/96	Invie			
	A34	5,525,261	6/11/96	Incorvia et al.			
	A35	5,534,192	7/9/96	Incorvia et al.			
	A36	5,541,049	7/30/96	Ballerini et al.			
	A37	5,554,664	9/10/96	Lamanna et al.			
	A38	5,591,482	1/7/97	He et al.			
	A39	5,688,884	11/18/97	Baker et al.			
	A40	5,723,664	3/3/98	Sakaguchi et al.			
P	A41	5,874,616	2/23/99	Howells et al.			
	A42	5,965,206	10/12/99	Hilti et al.			
	A43	6,294,289	9/25/01	Fanta et al.			

Examiner:

Date Considered: 9/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



Form PTO-1449 (modified)

Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 331 030 A1	2/24/99	EPO			Yes
	B2	EP 0 363 094 B1	8/4/93	EPO			
	B3	EP 0 398 353 A1	11/22/90	EPO			
	B4	EP 0 416 741 A1	3/13/91	EPO			
	B5	EP 0 047 903 B1	8/29/81	EPO			No
	B6	EP 0 663 612 B1	3/15/00	EPO			
	B7	EP 0 752 711 A1	1/8/97	EPO			
	B8	JP 5-302077	11/16/93	Japan			Yes (English abstract only)
	B9	JP 05289224	11/5/93	Japan			Yes (English abstract only)
	B10	JP 50045055	4/22/75	Japan			Yes (English abstract only)
	B11	JP 08100169	09/18/96	Japan			Yes (English abstract only)
	B12	JP 08092450	4/9/96	Japan			Yes (English abstract only)
	B13	JP 08208889	8/13/96	Japan			Yes (English abstract only)
		B14	JP 09255939	9/30/97	Japan		

Examiner:

Date Considered: 9/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form **PTO-1449** (modified)Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
94	B15	JP 11092751	6/24/99	Japan			Yes (English abstract only)
	B16	JP 11116752	4/27/90	Japan			Yes (English abstract only)
	B17	JP 01075534	03/22/89	Japan			Yes (English abstract only)
	B18	JP 55149938	11/21/80	Japan			Yes (English abstract only)
	B19	JP 63071923	04/01/88	Japan			Yes (English abstract only)
	B20	JP 63308032	12/15/88	Japan			Yes (English abstract only)
	B21	JP 63295667	12/2/88	Japan			Yes (English abstract only)
	B22	JP 62225517	10/3/87	Japan			Yes (English abstract only)
	B23	JP 60221442	11/6/85	Japan			Yes (English abstract only)
	B24	WO 96/15479	5/23/96	WIPO			
94	B25	WO 96/24929	8/18/96	WIPO			
	B26	WO 99/02611	1/21/99	WIPO			
	B27	WO 99/30381	6/17/99	WIPO			

Examiner:

Date Considered:

9/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B28	WO 01/49925	7/12/01	WIPO			
	B29	WO 01/25326	4/12/01	WIPO			
	B30	SU 749081	12/15/83	Soviet Union			Yes (English abstract only)
	B31	SU 749084	12/15/83	Soviet Union			Yes (English abstract only)
	B32	SU 854949	8/15/81	Soviet Union			Yes (English abstract only)
	B33	SU 448199	10/28/75	Soviet Union			Yes (English abstract only)
	B34	SU 446522	7/16/75	Soviet Union			Yes (English abstract only)
	B35	SU 427962	6/6/75	Soviet Union			Yes (English abstract only)
	B36	SU 406849	8/1/74	Soviet Union			Yes (English abstract only)
	B37	BE 876238	11/14/79	Belgium			Yes (English abstract only)
	B38	DE 4016535	09/28/93	Germany			Yes (English abstract only)
	B39	ZA 9804155	5/18/98	South Africa			

Examiner:

Date Considered:

9/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PH	C1	Product Information: "Fatty Amine Ethoxylates," Huntsman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C2	Product Information: "JEFFAMINE® Polyoxyalkylene Amines," Huntsman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C3	Book Excerpt: <u>Amphoteric Surfactants</u> , edited by Eric G. Lomax, Marcel Dekker Inc., (1996), pp. 13-17.
	C4	Book Excerpt: <u>Organofluorine Chemicals and Their Industrial Applications</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1979), pp. 53-57.
	C5	Article: Hendricks, "Industrial Fluorochemicals," <u>Ind. Eng. Chem.</u> , Vol. 45, No. 1, (January, 1953), pp. 99-105.
	C6	Article: Bernett et al., "Wetting of Low-Energy Solids by Aqueous Solutions of Highly Fluorinated Acids and Salts ¹ ," <u>J. Phys. Chem.</u> , Vol. 63, (November, 1959), pp. 1911-1916.
	C7	Book Page: <u>Preparation, Properties, and Industrial Applications of Organofluorine Compounds</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1982), P. 25
	C8	Article: Koshar et al., "Bis(perfluoroalkylsulfonyl)methanes and Related Disulfones," <u>J. Org. Chem.</u> , Vol. 38, No. 19, (1973), pp.3358-3363.
	C9	Article: Wentz, "Superfine Thermoplastic Fibers," <u>Industrial and Engineering Chemistry</u> , Vol. 48, No. 8, (August, 1956), pp. 1342-1346.
	C10	Report: Wentz et al., "Manufacture of Superfine Organic Fibers," Naval Research Laboratory Report 4364, (May 25, 1954), pp. 1-15.
	C11	Article: Davis, "The Separation of Airborne Dust and Particles", <u>The Institution of Mechanical Engineers</u> , pp. 185-198.
	C12	J. Am. Chem. Soc., "Fluorinated Surfactants and Repellents", Jimmie R. Baran, Jr., Second Edition, Vol. 123, No. 36, 2001
PH	C13	ASTM Standard D-257, Standard Test Methods for DC Resistance or Conductance of Insulating Materials, pp. 106-115.

Examiner:

Date Considered:

9/12/05

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

Application Number

09/992879

Filing Date

November 5, 2001

First Named Inventor

Savu, Patricia M.

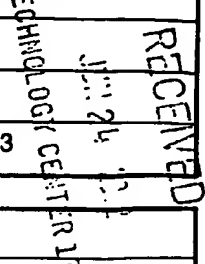
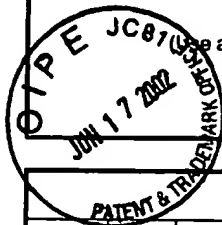
Art Unit

1714

Examiner Name

Attorney Case Number

56612US003



U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
PN	B1	EP	EP 0 047 903 B1	05/02/1984			X
PN	B2	JP	50-45055	04/22/1975			X
	B3						
	B4						
	B5						
	B6						
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner:

Date Considered:

9/12/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Application Number

09/992879

Filing Date

November 5, 2001

First Named Inventor

Savu, Patricia M.

Art Unit

1714

Examiner Name

Attorney Case Number

56612US003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	JP	46-25558	07/23/1971			X
	B2	JP	47-20201	06/08/1972			X
	B3	JP	53-15747	05/26/1978			X
	B4	SU	468527	11/07/1980			X
	B5	SU	802429	02/07/1981			X
	B6	SU	802430	02/07/1981			X
	B7						

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner:

Date Considered:

9/12/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 1 of 1

Application Number

09/992879

Filing Date

November 5, 2001

First Named Inventor

Savu, Patricia M.

Art Unit

1714

Examiner Name

—

Attorney Case Number

56612US003

**U.S. Patent Documents**

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
JP	A1	US- 5,362,613	11/8/1994	Shiratsuchi et al.	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

RECEIVED
AUG 9 2002
TECHNOLOGY CENTER 1700

RECEIVED
 AUG 19 2002
 TECHNOLOGY CENTER 1700

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
JP	B1	EP	0 650 088 A2	04/26/1995			
JP	B2	EP	0 690 338 A1	03/01/1996			
	B3						
	B4						
	B5						
	B6						
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement — PTO-1449 (Modified)